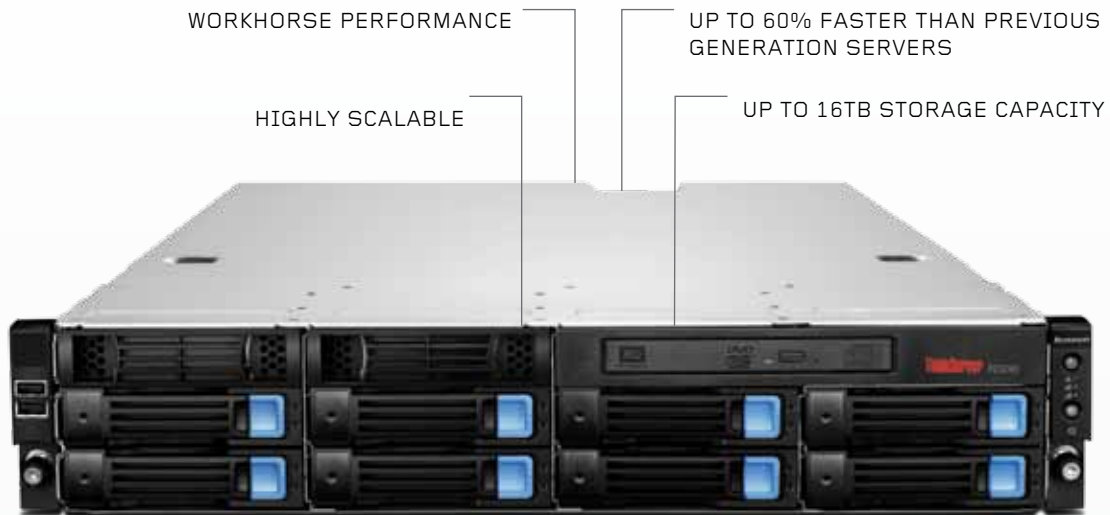


THE LENOVO® THINKSERVER® RD240

THE AFFORDABLE, STORAGE-RICH WORKHORSE



In today's cost-conscious corporate environment, businesses are constantly seeking ways to streamline operations and cut costs, while maintaining strict performance requirements. Keeping these key needs in mind, Lenovo designed the affordable, storage-rich RD240. Powered by the latest Intel® Xeon® processors with up to 12 CPU cores, the RD240 offers up to 60% faster performance than previous generation servers.

The RD240 is a smart choice for businesses that look for cost-effective alternative storage solutions, while maintaining high levels of data protection. With several levels of advanced data protection, including RAID data cache and available battery backup and up to 16TB low-cost storage, the RD240 is well-suited to meet the storage needs of growing enterprises.

Overall, the RD240 is power-packed for performance and scalability. With many industry-leading features bundled in a compact rack model at a great value, the RD240 significantly lowers Total Cost of Ownership (TCO), while providing the tools to power most business server applications and solutions.

IDEAL SOLUTION FOR YOU

The RD240 is ideal for you if you are looking to future proof your purchase with a server that grows with your business and powers your demanding applications.

- **Corporate Branch Office**
With a 2 click deployment and built-in web enabled remote management, the RD240 is simple to setup and allows you to troubleshoot any problems from the main office
- **Managed Service Provider**
With workhorse performance and hot swap storage, the ThinkServer RD240 provides flexibility required to power virtually any solution. In addition, the online configuration tools help choose and configure complete solutions in just a few minutes
- **Healthcare Solution for collaboration**
Whether it's simple e-mail or critical real time collaboration required for consultation, the RD240 provides data reliability and security features that ensure there is no downtime
- **Government institutions**
The ThinkServer® RD240 is an ideal workhorse server that provides the necessary capacity and processing power to handle large transactions
- **Select Applications or Solutions**
Whether used for e-mail/collaboration software server, for streaming media or as a database solution server, the RD240 is perfect fit to power your demanding applications

IMPRESSIVE FEATURES

POWER TO DELIVER

Built on the latest Intel® Xeon® platform with up to 12 CPU cores, the RD240 can easily power even the most hungry applications such as Database Transactions, Media Streaming, E-mail/Collaboration and enterprise Application Software. In addition, the RD240 offers the following benefits.

MAXIMUM SPEED

Powered by the latest Intel® Xeon® Westmere processors, the RD240 is up to 60% faster than previous generation servers and provides enhanced computing power required for most demanding applications

ENHANCED MEMORY

With 8 memory slots and supporting up to a 64GB ECC memory, the RD240 future-proofs your scalability and stability requirements

24/7 OPERATION

The RD240 comes available with a battery backup for advanced RAID cache and redundant power supplies so that your business-critical data is always protected, giving you complete peace of mind

RELIABLE STORAGE TECHNOLOGY

The RD240 offers a choice of high-performance SAS hard drives or low-cost SATA hard drives and provides up to 16TB of scalable storage, hot swappable storage

MANAGEMENT MADE SIMPLE

The RD240 comes standard with the web-enabled remote management, giving you complete round-the-clock access to your server from any location. With the RD240 you enjoy:

- **Anytime Management**
With the web-enabled iBMC standard, you can check the status of your server from any location and receive quick alerts anytime and anywhere
- **iKVM Upgrade**
Keyboard, video and mouse remote control to optimize server settings, diagnose issues and fix from anywhere at anytime
- **Easy Installation**
The RD240 easily integrates with Lenovo's ThinkVantage® Technologies and supports a 2-click rapid deployment feature using the EasyStartup tool

SERVICE OFFERINGS

- **Base Warranty**
3-year onsite NBD
- **Warranty Extensions and Product Support**
 - 5YR Onsite Next Business Day
 - 4YR Onsite Next Business Day + 4YR Priority Support
 - 5YR Onsite Next Business Day + 5YR Priority Support
 - 3YR Priority Support
 - 3YR Priority Support + 3YR Hard Drive/Solid State Drive Retention
 - 5YR Priority Support

RD240 OPTIONS

PROCESSORS



Intel® Xeon® Processors – multi-threading and high performance

67Y1483 Intel® Xeon® E5503 processor Option kit for ThinkServer
 67Y1484 Intel® Xeon® E5506 processor Option kit for ThinkServer
 67Y1485 Intel® Xeon® L5609 processor Option kit for ThinkServer
 67Y1486 Intel® Xeon® X5670 processor Option kit for ThinkServer
 67Y1487 Intel® Xeon® X5667 processor Option kit for ThinkServer
 67Y1489 Intel® Xeon® X5660 processor Option kit for ThinkServer
 67Y1490 Intel® Xeon® X5650 processor Option kit for ThinkServer
 67Y1491 Intel® Xeon® E5630 processor Option kit for ThinkServer
 67Y1488 Intel® Xeon® E5640 processor Option kit for ThinkServer
 67Y1492 Intel® Xeon® E5620 processor Option kit for ThinkServer
 67Y1493 Intel® Xeon® E5507 processor Option kit for ThinkServer
 0A89392 Intel® Xeon® E5603 Processor Option kit for ThinkServer
 0A89393 Intel® Xeon® E5606 Processor Option kit for ThinkServer
 0A89394 Intel® Xeon® E5607 Processor Option kit for ThinkServer
 0A89395 Intel® Xeon® E5645 Processor Option kit for ThinkServer
 0A89396 Intel® Xeon® E5649 processor Option kit for ThinkServer
 0A89397 Intel® Xeon® X5672 Processor Option kit for ThinkServer
 0A89398 Intel® Xeon® X5675 Processor Option kit for ThinkServer

HARD DISK DRIVES



ThinkServer SAS and SATA Hard Disk Drives – enterprise-class reliability

67Y1478 ThinkServer 250GB 7.2K RPM 3.5" SATA Hard Drive
 67Y1479 ThinkServer 500GB 7.2K RPM 3.5" SATA Hard Drive
 67Y1480 ThinkServer 1TB 7.2K RPM 3.5" SATA Hard Drive
 67Y2643 ThinkServer 2TB 7.2K RPM 3.5" SATA Hard Drive

ThinkServer SAS Hard Drives – performance

67Y1481 ThinkServer 300GB SAS 15K RPM Hard Drive
 67Y1482 ThinkServer 450GB SAS 15K RPM Hard Drive
 67Y2645 ThinkServer 600GB SAS 15K RPM 6Gbps Hard Drive

MEMORY



ThinkServer DDR3 Memory – high performance, low cost

67Y1432 ThinkServer 2GB DDR3 – 1333MHz (2Rx8) ECC RDIMM
 67Y1433 ThinkServer 4GB DDR3 – 1333MHz (2Rx4) ECC RDIMM
 67Y1464 ThinkServer 8GB DDR3 – 1333MHz (2Rx4) ECC RDIMM

ETHERNET



ThinkServer Networking Options – high-performance Ethernet

67Y1393 Lenovo PRO/1000 PT Dual Port Ethernet Adapter

RAID



ThinkServer RAID Options – increase data availability

67Y2639 ThinkServer 8708EM2 RAID Adapter
 67Y2640 ThinkServer 8708EM2 RAID Battery
 67Y2646 ThinkServer RAID 700 Adapter (9260-8i)
 67Y2647 ThinkServer RAID 700 Battery

POWER SUPPLY



ThinkServer Power Options – keep server up round-the-clock

67Y1497 ThinkServer RD240 Redundant Power Supply



SPECIFICATIONS

SOFTWARE

Genuine Windows Server® 2008 Standard Edition R2	Genuine Windows® Small Business Server® 2011 Essentials
Genuine Windows Server® 2008 Enterprise Edition R2	Genuine Windows® Small Business Server® 2011 Standard
Genuine Windows Server® Small Business Server 2008 Standard (SP2)	Genuine Windows® Small Business Server® 2011 Premium Add-on
Genuine Windows Server® Small Business Server 2008 Premium (SP2)	Novell® SUSE® 11
	Red Hat® Enterprise Linux® 6
	VMWare® vSphere™ 4.0

PROCESSOR

Intel® Xeon® Processor E5503 (4M Cache, 2.00 GHz, 4.80 GT/s Intel® QPI)	Intel® Xeon® Processor E5620 (12M Cache, 2.40 GHz, 5.86 GT/s Intel® QPI)
Intel® Xeon® Processor E5603 (4M Cache, 1.60 GHz, 4.80 GT/s Intel® QPI)	Intel® Xeon® Processor E5640 (12M Cache, 2.66 GHz, 5.86 GT/s Intel® QPI)
Intel® Xeon® Processor E5506 (4M Cache, 2.13 GHz, 4.80 GT/s Intel® QPI)	Intel® Xeon® Processor X5650 (12M Cache, 2.66 GHz, 6.40 GT/s Intel® QPI)
Intel® Xeon® Processor E5507 (4M Cache, 2.26 GHz, 4.80 GT/s Intel® QPI)	Intel® Xeon® Processor E5645 (12M Cache, 2.40 GHz, 5.86 GT/s Intel® QPI)

MEMORY

1333MHz DDR3 Registered RDIMMs (ECC)
8 slots (64GB Max)

I/O SLOTS

1 x PCIe x8
2 x PCIe x8 (x4 electric)

CHIPSET

Intel® 5500+ ICH10R

FORM FACTOR

2P2U rack optimized

ETHERNET

Dual Integrated Gigabit Ethernet

STORAGE BAYS

8 x 3.5" SAS/SATA hot swap

RAID

LSI 1068E SAS Controller (0,1,1E)
LSI MegaRAID 8708EM2 SAS RAID
LSI MegaRAID 8708EM2 SAS RAID w/ battery
RAID 700
SAS/SATA SW RAID 0/1/1E
RAID 700 with battery

MANAGEMENT

Web Enabled, iBMC Standard
iKVM Management option
Remote Management option

I/O PORTS

7 x USB 2.0 (2 front, 4 rear and 1 internal)
1 x Serial port (rear)
1 x VGA connector (rear)

OPTICAL DRIVES

DVD-RW

POWER

750W Redundant capable



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